

IN THE ABSTRACT OF THE DISCLOSURE

Please insert the following abstract:

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*Ad* A three-dimensional vertical memory with florescent photosensitive vitreous material is read and written to by a laser or respective lasers. The memory can be cerium and europium-doped fluorescent photosensitive glass, yttrium, europium and praseodymium-containing glass or TV-doped glass, etc. A confocal microscope may be used in the writing process and the memory may be scanned by rotating it. --

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